

Interview Summary

Application No.

09/493,220

Applicant(s)

LENNON, ALISON JOAN

Examiner

HUNG Q. PHAM

Art Unit

2168

All participants (applicant, applicant's representative, PTO personnel):

(1) HUNG Q. PHAM.

(3) _____

(2) GREGORY WEAVER.

(4) _____

Date of Interview: 20 June 2007.Type: a) ☒ Telephone b) ☐ Video Conference
c) ☐ Personal (copy given to: 1) ☐ applicant 2) ☐ applicant's representativeExhibit shown or demonstration conducted: d) ☐ Yes e) ☐ No.

If Yes, brief description: _____

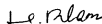
Claim(s) discussed: 1,2,4-12,17,18,36,37,39-47,52,53,71,119 and 120.

Identification of prior art discussed: _____

Agreement with respect to the claims f) ☒ was reached. g) ☐ was not reached. h) ☐ N/A.Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Applicant's representative, Gregory Weaver, authorizes the examiner to amend claims 1,2,4-12,17,18,36,37,39-47,52,53,71,119 and 120 as in the Examiner Amendment.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN A NON-EXTENDABLE PERIOD OF THE LONGER OF ONE MONTH OR THIRTY DAYS FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.



Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

Examiner's signature, if required

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FACSIMILE COVER SHEET

TO: Examiner H. Pham
U. S. Patent & Trademark Office
Group Art Unit 2168

FROM: Gregory Weaver, Reg. No. 53,751

RE: U.S. Application No. 09/493,220
Atty. Docket No.: 00169.001595

FAX NO.: (571) 273-4040

DATE: June 20, 2007

NO. OF PAGES: 11
(including cover page)

TIME: 11:07 am

SENT BY: GSW

MESSAGE

Attachments:

- 1) PROPOSED EXAMINER'S AMENDMENT

Note: We are transmitting from a Canon Model FAX-L770 (compatible with any Group I, Group II or Group III machine).

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EXAMINER'S AMENDMENT

1. (Currently Amended) A method of browsing electronically-accessible resources using descriptions of the resources, said method comprising the steps of:
- reading the generating descriptions of the electronically-accessible resources, the generated descriptions being separate from the content of the resources and comprising descriptor components classified as either table-of-contents descriptor components or index descriptor components, each said table-of-contents descriptor component having a link to a corresponding portion of the electronically-accessible resources;
 - displaying items for selection, each displayed item corresponding to a table-of-contents descriptor component of a generated description; ~~read in said reading step;~~
 - receiving a selection of one or more of said displayed items;
 - displaying further items for selection, the further items corresponding to index descriptor components that are associated with [[the]] one or more table-of-contents descriptor components corresponding to the selected one or more of said displayed items;
 - receiving a selection of one of said displayed further items;
 - receiving providing a representative value associated with said selected further item;
 - forming a query from the index descriptor component corresponding to said selected one of said displayed further items and said received provided representative value;

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searching said ~~[[read]]~~ ^{generated} descriptions to return one or more table-of-contents descriptor components that satisfy said query and are contained in the one or more table-of-contents descriptor components corresponding to the selected one or more of said displayed items; and

displaying for selection one or more still further items corresponding to said returned one or more returned table-of-contents descriptor components.

2. (Currently Amended) ^{The} ~~[[a]]~~ method as claimed in claim 1, wherein each generated description read in said ~~reading step~~ ^{is} is represented ~~[[by]]~~ ^{[[as]]} as a tree of descriptor components, and one or more of the descriptor components have descriptor components as descendants.

3. (Cancelled).

4. (Currently Amended) ^{The} ~~[[a]]~~ method as claimed in claim 1, comprising the further step of viewing, in response to a selection of one of said still further displayed items, the portion of the electronically-accessible resources corresponding to ~~[[the]]~~ a returned table-of-contents descriptor component linked to by the selected one of said still further displayed items.

5. (Currently Amended) ^{The} ~~[[a]]~~ method as claimed in claim 1, wherein the descriptions of the electronically-accessible resources are generated using a description scheme

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as a template, and the description scheme uses a declarative description definition language which contains definitions for descriptor components of the generated descriptions of the electronically-accessible resources.

^{The}
6. (Previously Presented) ~~[A]~~ method as claimed in claim 5, wherein the attributes of the descriptor components are defined in the description scheme.

^{The}
7. (Currently Amended) ~~[A]~~ method as claimed in claim 5, wherein the attributes of the descriptor components are ~~[[a]]~~ persistent items of the description scheme.

^{The}
8. (Previously Presented) ~~[A]~~ method as claimed in claim 5, wherein the attributes of the descriptor components are instantiated by an application when required.

^{The}
9. (Previously Presented) ~~[A]~~ method as claimed in claim 8, wherein the attributes of the descriptor components are instantiated using a rule that is associated with the description scheme.

^{The}
10. (Currently Amended) ~~[A]~~ method as claimed in claim 1, wherein the electronically-accessible resources comprise digital audiovisual content.

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11. (Currently Amended) ^{The} ~~(A)~~ method as claimed in claim 1, wherein the electronically-accessible resources comprise an electronic document or resource available over the World Wide Web.

12. (Currently Amended) ^{The} ~~(A)~~ method as claimed in claim 1, wherein the ^{electronically-accessible} ~~resources~~ comprise information about an electronic device.

13. to 16. (Cancelled).

17. (Previously Presented) ^{The} ~~(A)~~ method as claimed in claim 1, wherein a descriptor component is classified to be a table-of-contents descriptor if the descriptor component contains a reference to a resource or a section of a resource.

18. (Previously Presented) ^{The} ~~(A)~~ method as claimed in claim 17, wherein a descriptor component is classified to be an index descriptor if the descriptor component is not classified to be a table-of-contents descriptor.

19. to 35. (Cancelled).

36. (Currently Amended) An apparatus for browsing electronically-accessible

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resources using descriptions of the resources, said apparatus comprising:

a processor;

means for reading the generating descriptions of the electronically-accessible resources, the generated descriptions being separate from the content of the resources and comprising descriptor components classified as either table-of-contents descriptor components or index descriptor components, each said table-of-contents descriptor component having a link to a corresponding portion of the electronically-accessible resources;

means for displaying items for selection, each displayed item corresponding to a table-of-contents descriptor component of a generated description; read by said reading means;

means for receiving a selection of one or more of said displayed items;

means for displaying further items for selection, the further items corresponding to index descriptor components that are associated with the one or more table-of-contents descriptor components corresponding to the selected one or more of said displayed items;

means for receiving a selection of one of said displayed further items;

means for receiving providing a representative value associated with said selected further item;

means for forming a query from the index descriptor component corresponding to said selected one of said displayed further items and said received provided representative value;

means for searching said [[read]] generated descriptions to return one or more table-of-contents descriptor components that satisfy said query and are contained in the one or

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more table-of-contents descriptor components corresponding to the selected one or more of said
displayed items; and

means for displaying for selection one or more still further items corresponding to
said returned one or more returned table-of-contents descriptor components.

^{The}
37. (Currently Amended) ~~[An]~~ apparatus as claimed in claim 36, wherein said
means for reading generating the descriptions represents each description ⁱⁿ ~~[[by]]~~ ~~as]~~ a tree of
descriptor components, and one or more of the descriptor components have descriptor
components as descendants.

38. (Cancelled).

^{The}
39. (Currently Amended) ~~[An]~~ apparatus as claimed in claim 36, further
comprising viewing means for viewing, in response to a selection of one of said still further
displayed items, the portion of the electronically-accessible resources corresponding to ~~[[the]]~~ a
returned table-of-contents descriptor component linked to by the selected one of said still further
displayed item.

^{The}
40. (Currently Amended) ~~[An]~~ apparatus as claimed in claim 36, wherein the

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descriptions of the electronically-accessible resources are provided using a description scheme as a template, and the description scheme uses a declarative description definition language which contains definitions for descriptor components of the descriptions of the resources.

The

41. (Previously Presented) [An] apparatus as claimed in claim 40, wherein the attributes of the descriptor components are defined in the description scheme.

The

42. (Previously Presented) [An] apparatus as claimed in claim 40, wherein the attributes of the descriptor components are persistent items of the description scheme.

The

43. (Previously Presented) [An] apparatus as claimed in claim 40, wherein the attributes of the descriptor components are instantiated by an application when required.

The

44. (Previously Presented) [An] apparatus as claimed in claim 43, wherein the attributes of the descriptor components are instantiated using a rule that is associated with the description scheme.

The

45. (Currently Amended) [An] apparatus as claimed in claim 36, wherein the electronically-accessible resources comprise digital audiovisual content.

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^{The}
46. (Currently Amended) ~~[An]~~ apparatus as claimed in claim 36, wherein the electronically-accessible resources comprise an electronic document or resource available over the World Wide Web.

^{The}
47. (Currently Amended) ~~[An]~~ apparatus as claimed in claim 36, wherein the electronically-accessible resources comprise information about an electronic device.

48. to 51. (Cancelled).

^{The}
52. (Previously Presented) ~~[An]~~ apparatus as claimed in claim 36, wherein a descriptor component is classified to be a table-of-contents descriptor if the descriptor component contains a reference to a resource or a section of a resource.

^{The}
53. (Previously Presented) ~~[An]~~ apparatus as claimed in claim 52, wherein a descriptor component is classified to be an index descriptor if the descriptor component is not classified to be a table-of-contents descriptor.

54. to 70. (Cancelled).

71. (Currently Amended) A computer storage readable medium, having a

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computer program recorded thereon, where the program is executable to perform a procedure for browsing electronically-accessible resources using descriptions of the resources, said computer program comprising:

code for reading the generating descriptions of the electronically-accessible resources, the generated descriptions being separate from the content of the resources and comprising descriptor components classified as either table-of-contents descriptor components or index descriptor components, each said table-of-contents descriptor component having a link to a corresponding portion of the electronically-accessible resources;

code for displaying items for selection, each displayed item corresponding to a table-of-contents descriptor component of a generated description; ~~read said reading code;~~

code for receiving a selection of one or more of said displayed items;

code for displaying further items for selection, the further items corresponding to index descriptor components that are associated with the one or more table-of-contents descriptor components corresponding to the selected one or more of said displayed items;

code for receiving a selection of one of said displayed further items;

code for receiving providing a representative value associated with said selected further item;

code for forming a query from the index descriptor component corresponding to said selected one of said displayed further items and said received provided representative value;

code for searching said [[read]] generated descriptions to return one or more table-

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of-contents descriptor components that satisfy said query and are contained in the one or more table-of-contents descriptor components corresponding to the selected one or more of said displayed items; and

code for displaying for selection one or more still further items corresponding to said returned one or more returned table-of-contents descriptor components.

72. to 118. (Cancelled).

The

119. (Previously Presented) [A] method as claimed in claim 1, wherein the corresponding portion of the electronically-accessible resources is a spatially localized extent of the resources.

The

120. (Previously Presented) [A] method as claimed in claim 1, wherein the corresponding portion of the electronically-accessible resources is a temporally localized extent of the resources.

121. (Cancelled).

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